



USE THE TABLE BELOW TO INTRODUCE YOURSELF TO THE POSSIBILITIES RELATED TO YOUR FIELD AS YOU PURSUE COLLEGE:

Field of Interest	Recommended Area of Study in High School/College	Potential Career Opportunities at APG	What I might be working on at APG
Math	Mathematics, Statistics, Physics	Mathematics Statistician, Physicist	Complex problem-solving, modeling and simulation of weapons/material tests
Science	Earth Science, Space Science, Physics, Chemistry, Biology, Medicine	Engineer, Chemist, Physical Scientist, Physician	Designing, constructing and testing equipment to be used by/ protect the U.S. military and civilians
Computers/ Technology	Computer Science, Information Technology	Computer Scientist, I.T. Specialist, Computer/ Electronics Engineer	Developing the latest in firewall and computer security software, systems networking and maintenance

WHO WORKS AT APG? (Partial Listing)

- U.S. Army Research Development and Engineering Command (RDECOM)
- Army Garrison
- Army Research Lab (ARL)
- Edgewood Chemical Biological Center (ECBC)
- 20th Support Command
- Army Test and Evaluation Command (ATEC)
- Developmental Test Command (DTC)
- Aberdeen Test Center (ATC)
- Army Evaluation Center (AEC)
- Team C4ISR – Command, Control, Communication, Computers, Intelligence, Surveillance & Reconnaissance (C4ISR)
- Communication Electronics Command (CECOM)
- Communications and Electronics Research and Development Center (CERDEC)
- Program Executive Office for Command, Control, Communications, Tactical (PEO C3T)
- Program Executive Office for Intelligence, Electronic Warfare and Sensors (PEO IEWS)
- Program Executive Office for Enterprise Information Systems (PEO EIS)
- Center for Health Promotion and Preventive Medicine (CHPPM)
- Army Medical Research Institute of Chemical Defense (MRICD)
- Army Materiel Systems Analysis Activity (AMSAA)

OTHER HELPFUL WEBSITES

www.apg2012.apg.army.mil/
www.studentjobs.gov
www.cpol.army.mil
www.makingthedifference.org/federalinternships/#
www.students.gov/STUGOVWebApp/Public
www.harfordbusiness.org
www.apg-cssc.com
www.swnetwork.org



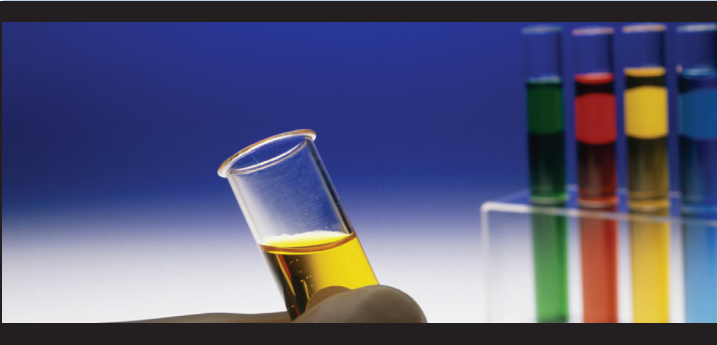
Work in Your Own Backyard!



INTERNSHIPS and CAREERS at Aberdeen Proving Ground

DID YOU KNOW? Some of the leading scientific and technological research in the world takes place at Aberdeen Proving Ground? APG is where the latest in homeland security and defense systems, weapons and computing technologies are being designed and tested, and where cutting edge research in the fields of physics, chemistry, and environmental and life sciences and communications are being performed.

With the recent Base Realignment and Closure (BRAC) enacted by the federal government, it is projected that over 8,200 new jobs will be coming to APG by 2012. This means that the demand for skills in math, science, computer technology and business acquisition will be higher than ever. With the right skills and education the jobs of tomorrow are waiting for you right in your backyard.



APG IN BRIEF

APG, opened in 1917, is the Army’s oldest active proving ground.

A proving ground is the military’s term for an installation devoted to the research and test of materials, technologies, weapons, etc. APG sits on a 72,500 acre campus, boasting state-of-the-art research facilities—including the international imagining center, underwater explosion facility and one of the world’s top 20 sites High Performance Computing—training fields and firing ranges.

The ever-changing landscape of warfare and the future of our national defense demand the challenging, high-tech work taking place every day at APG. Its mission is to remain at the forefront of developing that which makes our armed services better, safer and more efficient, as well as increasing the security of our nation.

HOW DO I GET STARTED?

1. PURSUE YOUR INTERESTS: Many agencies at APG offer summer internships geared toward graduating high school and current college students. Getting involved as an intern will not only formally introduce you to the kind of work related to your field, but might open your eyes to possibilities you never knew existed. Not to mention how good it will look on a college application if you start as a high school student.

Internships (Partial Listing)

- **Science and Engineering Apprentice Program (SEAP):** www.usaeop.com/programs/SEAP/
The Science and Engineering Apprentice Program, sponsored by George Washington University and the Department of Defense, is an eight week summer program for high school students.
- **Gains in the Education of Mathematics and Science (GEMS):** www.usaeop.com/programs/GEMS/
Gains in the Education of Mathematics and Science is a program that allows students an opportunity to participate in a paid internship over the summer in an Army laboratory learning the real life application of science, technology, engineering and mathematics.
- **Student Temporary Employment Program (STEP):** www.opm.gov/employ/students/intro.asp
STEP provides part-time federal jobs to students that can last as little as one summer or as long as the duration of your college career. STEP positions are paid and do not have to be related to your field of study. This allows you to gain experience in other fields. To be eligible you must be in high school, college, vocational school, or graduate school and be a U.S. citizen.
- **Student Career Experience Program (SCEP):** www.opm.gov/employ/students/intro.asp
Student Career Experience Program allows you to gain experience working for the government in a job related to your field of study. Most positions are paid and some also provide academic credit towards your degree. To participate in SCEP, the hiring agency must have a formal agreement with your educational institution and you must be a U.S. citizen. SCEP positions are available to undergraduate and graduate students.

If you successfully complete 640 hours of work within the SCEP program, you are eligible to be hired to a permanent position without going through the traditional hiring process. In some cases agencies can waive up to half of the required 640 hours for students with certain job-related experience acquired in a structured work-study program, active duty military service or if you have exceptional job performance and academic excellence (3.5 GPA out of a 4.0 scale, standing in the top 10% of the graduating class and/or induction into a nationally recognized scholastic honors society) while enrolled in the program.

- **Federal Career Intern Program (FCIP):** www.usajobs.gov
The Federal Career Intern Program is a two-year entry level appointment designed to bring talented people into the federal government through a streamlined process. Applicants should apply directly to the federal agency using www.usajobs.gov or searching on the specific agency’s website. Agencies set individual deadlines for their positions as they may be available throughout the year.
- After two years, federal career interns can become permanent civil service employees. Individuals hired through a FCIP may begin at the GS-5, GS-7 and GS-9 levels. There is no limitation on promotion potential.

- 2. TOP SECRET:** Because of the sensitive and often times classified nature of the research performed at APG, many positions require a security clearance. Background checks may encompass everything from past employment and credit reports to content on social networking sites, such as Facebook and MySpace.
- 3. APPLYING TO COLLEGE:** These careers demand the best and brightest. A college education and specialized degree will make you all-the-more competitive when it comes time for agencies to hire new employees. Be sure to find a school with programs that are commensurate. For instance, not every school offers degrees in engineering. Taking these things into consideration will also help you to narrow your college search accordingly.
- 4. START NETWORKING:** College internships related to your major are great opportunities to show an employer what you know and can do. They can lead to full-time employment after graduation.